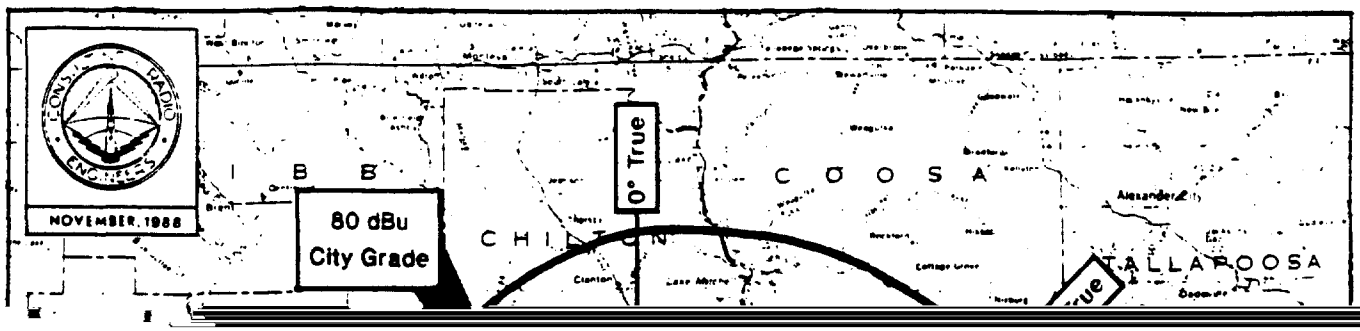
TECHNICAL EXHIBIT
APPLICATION FOR MODIFICATION
OF CONSTRUCTION PERMIT
THE TROY STATE UNIVERSITY SYSTEM
STATION WTSU-TV
MONTGOMERY, ALABAMA
CH 63 2417 KW (MAX-DA) 215 M

Tabulation of Average Elevations
and Distances to Coverage Contours

Radial Bearing (deg. T.)	3-16 Kilometer Average Elevation (meters AMSL)	Antenna Height Above Average Terrain (meters)	Distance to Contour		
			City Grade 80 dBu (km)	Grade A 74 dBu (km)	Grade B 64 dBu (km)
0	41	225	44.7	53.2	67.9
45	41	225	46.3	54.8	69.7
70*	55	211	45.3	53.8	68.4
90	58	208	45.3	53.7	68.3
135	77	189	43.0	51.5	65.6

Figure 6


NOVEMBER, 1988
I B B
80 dBu
City Grade
0° True
C O O S A
C H I L T O N
TALLAPOOSA

TECHNICAL EXHIBIT
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THE TROY STATE UNIVERSITY SYSTEM
STATION WTSU-TV
MONTGOMERY, ALABAMA
CH 63 2417 KW (MAX-DA) 215 M

Allocation Study

Station	Geographic Coordinates	Separation (km) Required	Actual
Alloc., CH *48 Columbus, GA	32° 27' 42" 84° 59' 18"	119.9	153.9
Alloc., CH *62 Birmingham, AL	33° 30' 42" 86° 48' 24"	87.7	136.7
WHSB, CH 63 (CP) Monroe, GA	34° 07' 32" 83° 51' 31"	280.8	327.6
WRJM-TV, CH 67 (CP) Troy, AL	31° 58' 32" 86° 09' 46"	31.4	54.8

*Noncommercial Educational Allotment

The nearest FCC monitoring station is 247 kilometers distant at Powder Springs, Georgia.

The proposed site is 1239 kilometers distant from the U.S./Mexican border.

The proposed site is 1100 kilometers distant from the U.S./Canadian border.

Coordinates of the proposed site: 32° 17' 24"
86° 36' 40"

Section VI **Equal Employment Opportunity Program**

1. Does the applicant propose to employ five or more fulltime employees? ☐ YES ☐ NO

If the answer is Yes, the applicant must include an EEO program called for in the separate 5 Point Model EEO Program [FCC Form 396 (A)].

Section VII **Certification**

1. Has or will the applicant comply with the public notice requirement of Section 73.3580 of the Commission's Rules? ☒ YES ☐ NO

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. *(See Section 304 of the Communications Act of 1934, as amended.)*

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and are incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with Section 1.65 of the Commission's Rules, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.

Figure 2

Ref. Rm.

United States of America

FEDERAL COMMUNICATIONS COMMISSION

TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

Official Mailing Address:

THE TROY STATE UNIVERSITY SYSTEM
UNIVERSITY AVENUE
TROY, AL 36082

Authorizing Official:

/s/
Clay C. Pendarvis
Chief, Television Branch
Video Services Division
Mass Media Bureau

Grant Date: 11-15-89

Call sign: WTSU-TV

Permit File No.: BMPET-890901KE

This permit expires 3:00 am. local time 06 months after grant date specified above

This permit modifies Permit No.: 870716KF

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

This permit shall be automatically forfeited if the station is not ready for operation within the time specified (date of expiration) or within such further time as the Commission may allow, unless completion of the station is prevented by causes not under the control of the permittee. See Sections 73.3598, 73.3599 and 73.3534 of the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of permittee:

THE TROY STATE UNIVERSITY SYSTEM

Station Location:

AL-MONTGOMERY

Frequency (MHz): 764.0 - 770.0

Carrier Frequency (MHz): 765.26 Visual 769.76 Aural

Channel: 63

Hours of Operation: Unlimited

Transmitter location (address or description):

W OF ST #97, 2.6 KM N. OF INT. W/US#80 NEAR LOWNDESBORO, AL.

Transmitter: Type accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Desc: BOGNER BUI32

Beam Tilt: .50 degrees electrical

Major lobe directions (degrees true): 35.0 105.0

Antenna coordinates: North Latitude: 32 17 24.0
West Longitude: 86 36 40.0

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (kW): 2400 Visual

Height of radiation center above ground . . . . : 145.0 Meters

Height of radiation center above mean sea level : 265.0 Meters

Height of radiation center above average terrain: 215.0 Meters

Overall height of antenna structure above ground (including obstruction lighting, if any) . . . . . : 152.0 meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

Paragraph 1.0, FCC Form 715 (March 1978):

Antenna structures shall be painted throughout their height with alternate bands of aviation surface orange and white, terminating with aviation surface orange bands at both top and bottom. The width of the bands shall be equal and approximately one-seventh the height of the structure, provided however, that the bands shall not be more than 100 feet nor less than 1 and 1/2 feet in width. All towers shall be cleaned and repainted as often as necessary to maintain good visibility.

Paragraph 3.0, FCC Form 715 (March 1978):

There shall be installed at the top of the structure one 300 m/m electric code beacon equipped with two 620- or 700-watt lamps (PS-40, Code Beacon type), both lamps to burn simultaneously, and equipped with aviation red color filters. Where a rod or other construction of not more than 20 feet in height and incapable of supporting this beacon is mounted on top of the structure and it is determined that this additional construction does not permit unobstructed visibility of the code beacon from aircraft at any normal angle of approach, there shall be installed two such beacons positioned so as to insure unobstructed visibility of at least one of the beacons from aircraft at any normal angle of approach. The beacons shall be equipped with a flashing mechanism producing not more than 40 flashes per minute nor less than 12 flashes per minute with a period of darkness equal to approximately one-half of the luminous period.

Paragraph 4.0, FCC Form 715 (March 1978):

At approximately one-half of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of the tower at the prescribed height.

Paragraph 13.0, FCC Form 715 (March 1978):

On levels at approximately three-fourths and one-fourth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

Paragraph 21.0, FCC Form 715 (March 1978):

All lighting shall burn continuously or shall be controlled by a light sensitive device adjusted so that the lights will be turned on at a north sky light intensity level of about 35 foot candles and turned off at a north sky light intensity level of about 58 foot candles.

Paragraph 22.0, FCC Form 715 (March 1978):

During construction of an antenna structure, for which obstruction lighting is required, at least two 116- or 125-watt lamps (A21/TS) enclosed in aviation red obstruction light globes, shall be installed at the uppermost point of the structure. In addition, as the height of the structure exceeds each level at which permanent obstruction lights will be required, two similar lights shall be displayed nightly from sunset to sunrise until the permanent obstruction lights have been installed and placed in operation, and shall be positioned so as to insure unobstructed visibility of at least one of the lights at any normal angle of approach. In lieu of the above temporary warning lights, the permanent obstruction lighting fixtures may be installed and operated at each required level as each such level is exceeded in height during construction.

CP file

United States of America

FEDERAL COMMUNICATIONS COMMISSION

TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

Official Mailing Address:

MONROE TELEVISION, INC.
900 N.W. EIGHTH AVE.
GAINESVILLE, FL 32601

Authorizing Official:

/S/
Clay C. Pendarvis
Chief, Television Branch
Video Services Division
Mass Media Bureau

Grant Date: 11-29-89

Call sign: WHSG

This permit expires 3:00 am. local time 06 months after grant date specified above

Permit File No.: BMPCT-890809KE

This permit modifies Permit No.: 8612166L

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

This permit shall be automatically forfeited if the station is not ready for operation within the time specified (date of expiration) or within such further time as the Commission may allow, unless completion of the station is prevented by causes not under the control of the permittee. See Sections 73.3598, 73.3599 and 73.3534 of the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of permittee:

MONROE TELEVISION, INC.

Station Location:

GA-MONROE

Frequency (MHz): 764.0 - 770.0

Carrier Frequency (MHz): 765.25 Visual 769.75 Aural

Channel: 63

Hours of Operation: Unlimited

Transmitter location (address or description):

9.9 KM NORTHEAST OF LITHONIA, GA.

Transmitter: Type accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Antenna type: (directional or non-directional): Non-directional

Desc: DIELECTRIC TFU-25 G

Beam Tilt: .50 degrees electrical

Major lobe directions (degrees true): Not Applicable

Antenna coordinates: North Latitude: 33 44 22.0
West Longitude: 84 00 14.0

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (kW): 5000 Visual

Height of radiation center above ground . . . . : 343.0 Meters

Height of radiation center above mean sea level : 617.0 Meters

Height of radiation center above average terrain: 363.0 Meters

Overall height of antenna structure above ground (including obstruction lighting, if any) . . . . . : 350.0 meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

Paragraph A, FCC Form 715-A (Nov. 1983):

There shall be installed at the top of the antenna structure a white capacitor discharge omindirectional light which conforms to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Sytems. This light shall be mounted on the highest point of the structure. If the antenna or other appurtenance at its highest point is incapable of supporting the omindirectional light, one or more such lights shall be installed on a suitable adjacent support with the lights mounted not more than 20 feet below the tip of the appurtenance. The lights shall be positioned so as to permit unobstructed viewing of at least one light from aircraft at any normal angle of approach. The light unit(s) shall emit a beam with a peak intensity around its periphery of approximately 20,000 candelas during daytime and twilight, and approximately 4,000 candelas at night.

Paragraph B, FCC Form 715-A (Nov. 1983):

There shall be installed at the top of the skeletal or other main support structure three or more high intensity light units which conform to FAA/DOD Specification L-856 High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The units will normally be adjusted so that the center of the beam is in the horizontal plane.

Paragraph E, FCC Form 715-A (Nov. 1983):

At the approximate one-fourth, one-half and three-fourths levels of the skeletal tower there shall be installed three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,00 candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The normal angular adjustment of the beam centers above the horizontal shall be three degrees at the one-fourth level, two degrees at the one-half level and one degree at the three-fourths level.

Paragraph H, FCC Form 715-A (Nov. 1983):

All lights shall be syncronized to flash simultaneously at 40 pulses per minute. The light system shall be equipped with a light sensitive control device which shall face the north sky and cause the intensity steps to change automatically when the north sky illumination on a vertical surface is as follows:

1. Day to Twilight: Shall not occur before the illumination drops to 60 footcandles, but shall occur before it drops to 30 footcandles.
2. Twilight to Night: Shall not occur before the illumination drops to 5 footcandles, but shall occur before it drops to 2 footcandles.
3. Night to Day: The intensity changes listed in 1. and 2. above shall be reversed in transitioning from the night to day modes.

Paragraph I, FCC Form 715-A (Nov. 1983):

During construction of an antenna structure for which high intensity lighting is required, at least two lights shall be installed at the uppermost part of the structure. In addition, at each level where permanent obstruction lighting will be required, two similar lights shall be installed. Each temporary light shall consist of at least 1,500 candelas (peak effective intensity), syncronized to flash simultaneously at 40 pulses per minute. Temporary lights shall be operated continuously, except for periods of actual construction, until the permanent obstruction lights have been installed and placed in operation. Lights shall be positioned to ensure unobstructed viewing from aircraft at any normal angle of approach. If practical, the permanent obstruction lights may be installed at each level as the structure progresses. NOTE: If battery operated, the batteries should be replaced or recharged at regular intervals to preclude failure during operation.

Public Ref Rm-239

FCC MAIL SECTION
JUN 25 1990
Jun 25 12 54 PM '90

8040-SH

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
RECEIPT

The Troy State University System
University Avenue
Troy, Alabama 36082

Re: Station WTSU(TV)
Montgomery, Alabama

Dear Gentlemen:

This is with respect to your letter of June 13, 1990, in which you state that Station WTSU(TV), Channel 68, Montgomery, Alabama, is off the air and that you will not complete construction of facilities authorized in your construction permit. Consequently, you wish to turn in your construction permit.

In accordance with your request, your construction permit IS CANCELLED, and the station's call letters ARE DELETED.

Sincerely,

Clay C. Pendarvis
Chief, Television Branch
Video Services Division
Mass Media Bureau

cc: W. Scott Johnson, Esq.

svh/SVHINTON:MMB"Lwstu"
Typed: 6-21-90

CERTIFICATE OF SERVICE

I, Nathaniel F. Emmons of the law firm of Mullin, Rhyne, Emmons and Topel, P.C., hereby certify that on this 3rd day of August, 1993, copies of the foregoing "Countermotion for Summary Decision" were sent by first class mail, postage prepaid, to the following:

* The Honorable Joseph Chachkin
Administrative Law Judge
Federal Communications Commission
2000 L Street, N.W.--Room 226
Washington, D.C. 20554

* Robert Zauner, Esq.
Gary Schonman, Esq.
Mass Media Bureau
Federal Communications Commission
2025 M Street, N.W.--Room 7212
Washington, D.C. 20554

Lewis I. Cohen, Esq.
John J. Schauble, Esq.
Cohen & Berfield
1129 20th Street, N.W.
Washington, D.C. 20036

Nathaniel F. Emmons

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* Hand Delivered